

SBC RU644/05

Your Remote Control



Let's make things better.



PHILIPS

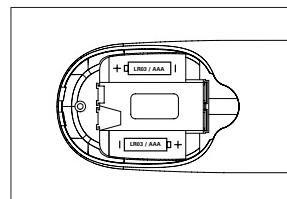
Instructions for use

You just made a great choice by buying this Philips universal remote control! It takes the place of as many as four separate remote controls and can operate the most-used functions of almost any brand of TV, VCR, satellite tuner/cable decoder and DVD.

Installing the batteries

Your SBC RU644 needs two 1.5V batteries, type R03, UM4 or AAA.

Put them in like this:



Tip

- Remember to replace the batteries at least once a year.
- Don't leave the batteries out for longer than one hour, otherwise you will need to set-up the SBC RU641 again.
- While the remote control is actively being moved about, the back-lighting stays on. This consumes more power than normal and may require you to change your batteries more frequently. You can easily turn the back-lighting function off to conserve power. To do this please follow the instructions in the backlighting section.

KEYS & FUNCTIONS



Power: to switch TV/VCR/SAT/DVD on and off.



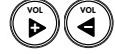
Mode Selector: to select TV, VCR, Satellite or DVD mode.



Mute: to switch the TV sound on and off.



Channel Up/Down: to select next / previous channel.



Volume Up/Down: to control the TV volume.



Number Keys: for direct channel selection and other functions.



To switch between one and two-digit channel selection and display.



To switch to the last selected channel.

Instructions for use



- SHIFT: to get access to additional functions (press together with other function keys). Depending on the age of your equipment, the result is for example:
 SHIFT + PROG+: increases brightness or menu up function
 SHIFT + PROG-: decreases brightness or menu down function
 SHIFT + VOL+: increases colour or menu right function
 SHIFT + VOL-: decreases colour or menu left function

English

Try other shift/key combinations on your equipment to discover which functions are available.
 Remember that you can't get access to additional functions if these functions were not available on the original remote control of your equipment!



To operate menu control.



To confirm your selection.



SLEEP: to activate and vary the sleep timer (if available on your equipment).



To switch on teletext.



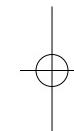
To stop changing teletext pages.



To enlarge the teletext display on screen.



To put subtitling on your screen (if available on your equipment), or to switch teletext off.



If you use the memory out key (⇨) to access the next teletext page on your Philips TV, you can use the subtitle key to access. For more details see **Memory Out** section under **Troubleshooting**.



Fasttext	VCR/DVD
Red	Rewind



Record



Green	Stop
-------	------



Play



Blue	Forward
------	---------



Yellow	Pause
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To switch between the external inputs of your equipment.

Instructions for use

SET-UP FOR USE

A d v i c e

Carefully read the complete procedure before starting!

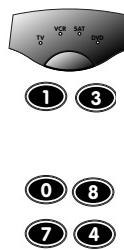


Your equipment is a Philips brand:

- 1 Press the mode selector key for the device you want to operate.
- 2 Press the power key to test.
 - The green indicator LED under each device (TV, VCR, SAT or DVD) lights up to confirm the mode you're in.

C h e c k

Press a few keys to check correct response.



Your satellite receiver is a Sky Digital box:

- 1 Press the mode selector key to select SAT and make sure the satellite box is switched on.
- 2 Press and hold keys 1 and 3 simultaneously -for about 3 seconds- until the green LED lights up. Then release the keys.
 - The green LED should stay on.
- 3 On the keypad, press keys 0, 8, 7 and 4, within 30 seconds.
 - The green LED flashes twice to indicate successful set up.



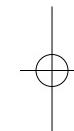
Your equipment is of another brand, or your equipment is a Philips brand, but not all keys respond correctly:

- 1 Press the mode selector key to select the device (TV, VCR, SAT or DVD) you want to operate.
- 2 Look up the brand name of the device you want to operate in the code list (centre of this manual).

Make sure you choose the correct code list for your device!
- 3 Make sure the device is switched on.
- 4 Press and hold keys 1 and 3 simultaneously - for about three seconds- until the green LED lights up. (Release the keys: the green LED should stay on)
- 5 Enter your 4-digit code using the number keys, within 30 seconds.
 - The green LED flashes twice.

C h e c k

That's it! Press a few keys to check correct response. If response is not correct, repeat procedure beginning at step 1.



N o t e

- If the LED displays one long flash, the code was not recognised. Please go back to step 1 and repeat the procedure, using the next 4-digit code in the list.
- If no key is pressed within 30 seconds, you have to start again at step 1.

A d v i c e

Carefully read the complete procedure before starting!

Instructions for use

1 **3**



You do not know the brand of your equipment/you can not find the right code in the code list » auto search:

English

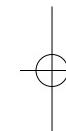
- 1 Press the mode selector key to select the device (TV, VCR, SAT or DVD) you want to operate.
- 2 Make sure the device is switched on (if the device is a VCR, please insert a tape and start playback).
- 3 Press and hold keys 1 and 3 simultaneously -for about three seconds- until the green LED lights up.
(Release the keys: the green LED should stay on)
- 4 Press the power key to start the search. Make sure that you keep the remote control pointed at your equipment.
 - Each time the green LED flashes, another code is sent. When the right code is found, the equipment switches off. **Immediately** press the power key to stop the search.
 - If the green LED flashed again after the equipment switched off, this means you missed the correct code! If you missed the code, follow the next procedure, starting at step 5. If the LED did not flash again after the equipment switched off, go to step 7.
- 5 Switch the equipment manually back on.
- 6 Press 'PROG-' (down only!) repeatedly to send previous codes until the equipment switches off again.



- 7 Press the power key to lock the correct code in the SBC RU644's memory.
- The green LED flashes twice.

C h e c k

Switch equipment on manually. Press a few keys to check correct response. If response is not correct, repeat procedure beginning at step 1.

**N o t e**

- The search time averages about 90 seconds. (Maximum search time is 5 minutes for TV, 2 minutes for VCR, 4 minutes for SAT and 2 minutes for DVD).
- Autosearch stops automatically after all codes have been tested.

MAKE A NOTE OF YOUR CODE!**A d v i c e**

Carefully read the complete procedure before starting!

Note the code inside the battery case and in the codelist in the centre of this booklet. This may be useful if you ever need to set up the SBC RU644 again. You used the auto search procedure or you forgot to note the code after set up? No problem! You can still 'read out' the code from the remote:

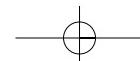


1 **6**

- 1 Make sure you've selected the right mode with the mode selector key.
- 2 Press and release keys 1 and 6 simultaneously.

Important: after pressing the keys, you have to release them immediately!

 - The green LED lights up.



Instructions for use

- 1 Press the two digits key.
- The green LED goes out.
- 2 Press key 1 and count the number of times the green LED flashes. This is the first digit of the 4-digit code. (No flashes means the digit is zero.)
- 3 Press key 2 and count the number of flashes for the second digit.
- 4 Press key 3 and count the number of flashes for the third digit.
- 5 Press key 4 and count the number of flashes for the forth digit.
- 6 Note the code.

ADVANCED TIPS AND TRICKS

Advice

Carefully read the complete procedure before starting!

Changing the device keys

With the mode selector it is possible to select 4 categories of devices you want to operate. Each category (TV, VCR, SAT and DVD) is meant to operate a specific group of equipment:

TV	VCR	SAT	DVD
tv	vcr	sat	dvd
cable			

Once you have programmed the functions of a device in one of the categories, it is not possible to program another device in the same category. There is, however, a solution in case you want to program two devices in the same category (2 TV's, VCR's, etc.). The following example explains how.

EXAMPLE:

The SAT mode on this remote control is factory preset to control many Philips satellite receivers. You can change the SAT mode (or any mode) to operate another type of device. The following example shows you how to use the SAT mode to operate a second TV:



1 6



- 1 Press the mode selector key to select SAT and make sure the second TV is switched on.
- 2 Press and hold keys 1 and 6 simultaneously -for about 3 seconds- until the green LED lights up.
- 3 On the keypad, press keys 9, 9 and 2.
- 4 Press the mode selector key to select TV mode.
- 5 Press key 1.
- The LED flashes twice to indicate successful set up.
That's it!

Don't forget to set up the SBC RU644 to operate this second TV. See the section **Set-up for use**.

Instructions for use

Punch-Through Sound

Punch-through sound enables you to control the audio level of your first or second TV, regardless of what device mode the remote control is in.

English

EXAMPLE:

You have installed a second TV under SAT mode. You can control that TV's volume when you are in VCR mode. This feature is installed as a default setting for a first TV.

To install this feature for a second TV:



- 1 Press the mode selector key to select VCR.
- 2 Press and hold keys 1 and 6 simultaneously -for about 3 seconds- until the green LED lights up.
- 3 On the keypad, press keys 9, 9, and 3.
- 4 Press the mode selector key to select SAT (second TV).
- 5 Press the power key.
- That's it! The LED flashes twice to indicate successful set up.
The Volume up/down keys now control the volume of your second (SAT) TV when you're in VCR mode.

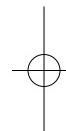


Functional back-lighting

When you pick up the SBC RU644 and tilt it over about 60 degrees, the main keys for the device you want to operate are automatically back-lit.

In VCR mode for example, only the main keys that are needed to operate the VCR are back-lit.

You can choose to have all of the keys back-lit, or you can switch off the functional back-lighting feature completely.



To back-light all of the keys:



- Press keys 1 and 9 simultaneously -for about 3 seconds- until the green LED flashes twice.
- The functional back-lighting is now de-activated and all keys light up when you pick up the remote control.
- Pressing keys 1 and 9 simultaneously again -for about 3 seconds- will return the back-lighting to its preset functional setting.

Note

The back-lighting turns off if you don't move the remote control or if you don't press a key within 4 seconds.

Instructions for use

T i p

The automatic back-lighting provides you with unparalleled ease of use, even in the most dimly-lit of rooms. While the remote control is actively being moved about the back-lighting stays on. This consumes more power than normal and may require you to change your batteries more frequently. You can easily turn the back-lighting function off to conserve power. To do this please follow the instructions below.

To remove the back-lighting completely:

(7) (9)

- Press keys 7 and 9 simultaneously -for about 3 seconds- until the green LED flashes twice.
- The back-lighting is now de-activated.

Pressing keys 7 and 9 simultaneously again -for about 3 seconds- will return the back-lighting to its preset functional setting.

TROUBLESHOOTING GUIDE

- Problem:
- *Solution:*

- Device is not responding and the green light does not flash when you press a button.
 - Replace batteries with two new 1.5 volt, type R03, UM4 or AAA batteries.
- Device is not responding, but the green light does flash when you press a button.
 - Aim the SBC RU644 at the device and be sure that there are no obstructions between the SBC RU644 and the device.
- The SBC RU644 is not performing commands properly.
 - You may be using the wrong code. Try repeating Set up using another code, listed under your brand, or start the Autosearch Set-up over again to locate the proper code.
If the device still doesn't respond, call the help-line and we'll put you back on track.
- The SBC RU644 drains batteries more frequently.
 - While the remote control is actively being moved around the back-lighting stays on. This consumes more power than normal and may require you to change your batteries more frequently. You can easily turn the back-lighting function off to conserve power. To do this please follow the instructions in the backlighting section.
- You can't access teletext pages and you were used to use this (↔) button to access teletext.
 - Follow Set up procedure and at step 5 of section "Your equipment is of another brand, or your equipment is a Philips brand, but not all keys respond correctly" press keys 0, 0, 6 and 4. To enter teletext pages, press the subtitle button.

(0) (0) (6) (4)

Instructions for use

English

- The teletext buttons do not work.
 - Be sure your TV has teletext capabilities. The SBC RU644 does not extend the capabilities of your TV!
- You can't turn teletext off.
 - Press the subtitle key to turn teletext off.
- Having problems operating all the functions on your device.
 - The SBC RU644 may just need customising for your model type. Just call our help-line and we'll put you back on track.
- Your brand is not listed in the code list.
 - Try the hands-free Autosearch method.
- You want to reset the remote control to its factory preset.
 - 1 Press and hold keys 1 and 6 simultaneously -for about 3 seconds- until the green LED lights up.
 - 2 On the keypad, press keys 9, 8, and 1.
The LED flashes twice to indicate a successful reset.



NEED HELP?

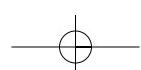
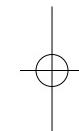
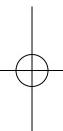
If you have any questions about the SBC RU644, please call our help-line for assistance! You can find the number in the code list section of this booklet.

Before you call, please read this manual carefully. You will be able to solve most of your problems. If you don't find an answer to your questions, make a note of your equipment in the table at the back of the code list section of this booklet. This makes it easier and faster for our operators to help you. Look for the model numbers in the equipment instruction manual, or on the back of your equipment. When calling our help-line please have your equipment close by, so our operators can help you verify the functionality of your remote control.

The model number of your Philips universal remote control is:
SBC RU644

Date of purchase: _____ / _____ / _____
day/month/year

Notes



Notes

English

Codes

TV

CODE LIST

SETUP CODES FOR TELEVISION

AGB	.....0543
ASA	.....0114, 0131, 0322
Acura	.....0036
Admiral	.....0114, 0190, 0240, 0313
Adyson	.....0059, 0244
Akai	.....0388, 0378, 0235, 0543
Akito	.....0299
Akura	.....0245, 0396
Alba	..0064, 0036, 0245, 0063, 0076, .....0262, 0398, 0422
Allorgan	.....0321
Amplivision	.....0244, 0427
Amstrad	....0036, 0064, 0204, 0381, 0389, 0396, 0398, 0460, 0439, 0543
Anitech	.....0036, 0103
Arc En Ciel	.....0528
Arcam	.....0244
Asberg	.....0103
Asuka	.....0245
Atlantic	.....0233
Autovox	....0233, 0264, 0114, 0571, .....0103, 0313, 0322, 0363
BPL	.....0309
BSR	.....0321
BTC	.....0245
Baird	.....0584
Bang & Olufsen	.....0114
Barco	.....0579
Basic Line	.....0036, 0245
Baur	..0037, 0064, 0376, 0388, 0539, .....0571, 0581
Beko	.....0513, 0397
Beon	.....0064
Binatone	.....0244
Blaupunkt	..0218, 0227, 0240, 0354, .....0355, 0581
Blue Sky	.....0245
Blue Star	.....0309
Bondstec	.....0274
Boots	.....0244
Brandt	....0136, 0223, 0225, 0360, .....0362, Brandt Electronic.....0528
Brionvega	.....0114, 0389
Bruns	.....0114
Bush	....0036, 0063, 0064, 0245, 0299, 0309, 0321, 0376, 0390, 0398, 0401, .....0579
C GE	....0101, 0103, 0111, 0274, 0579
CTC	.....0274
Carrefour	.....0063
Cascade	.....0036
Cathay	.....0064
Centurion	.....0064
Century	.....0114, 0240
Cimline	.....0036
Clarivox	.....0064
Clatronic	....0103, 0274, 0397
Condor	.....0347, 0397
Contec	.....0036, 0063
Continental Edison	....0223, 0225, .....0360, 0426, 0528
Crosley	....0101, 0103, 0111, 0114, .....0240, 0374
Crown	....0397, 0036, 0064, 0103, .....0445
Crystal	.....0458
Cybertron	.....0245
Daewoo	....0036, 0064, 0401, 0526
Dainichi	.....0242, 0245
Dansai	.....0064
Dayton	.....0036
De Graaf	.....0235, 0390, 0575
Decca	....0064, 0099, 0276, 0299, 0543
Dixi	.....0036, 0064
Dual	....0363, 0379, 0571
Dual Tec	.....0244
Dumont	....0114, 0097, 0322, 0374
Elbe	.....0286
Elin	.....0064, 0575
Elite	.....0245, 0347
Elta	.....0036
Emerson	....0114, 0240, 0388
Erres	.....0039, 0064
Europhon	.....0543
Expert	.....0233
Ferguson	....0064, 0100, 0136, 0217, .....0265, 0314, 0362
Fidelity	....0388, 0390, 0571
Finlandia	....0373, 0386, 0235, 0390
Finlux	....0064, 0097, 0099, 0114, 0131, 0132, 0206, 0322, 0373, 0374, .....0438, 0543
Firstline	....0348, 0036, 0243, 0244, .....0274, 0321, 0558
Fisher	....0131, 0235, 0244, 0397, .....0571, 0582
Flint	.....0482
Formenti	....0347, 0064, 0374, 0579, .....0114, 0240
Frontech	....0190, 0274, 0390, 0458, .....0475
Fujitsu	.....0099, 0233
Funai	.....0206, 0321
GBC	.....0579
GEC	...0070, 0099, 0064, 0244, 0543, .....0584
GPM	.....0245
Galaxi	.....0327
Geloso	....0036, 0240, 0374
Genexxa	.....0190, 0245
GoldStar	....0064, 0136, 0244, 0317, .....0390, 0404
Goodmans	....0063, 0064, 0099, 0206, 0244, 0262, 0344, 0398, 0401, 0526
Gorenje	.....0397
Graetz	....0388, 0584, 0374, 0190
Granada	....0386, 0064, 0099, 0235, .0378, 0390, 0543, 0072, 0244, 0366
Grandin	.....0309, 0637

Codes

Grundig.....0097, 0218, 0264, 0514,
.....0581, 0583, 0614
HCM.....0036, 0309, 0439
Hanseatic...0388, 0064, 0347, 0455,
.....0571, 0583
Hantarex.....0543
Harwood.....0284
Hifivox.....0528
Hinari0036, 0063, 0064, 0206,
.....0245
Hisawa.....0309, 0427, 0482
Hitachi.....0059, 0063, 0070, 0071,
0132, 0136, 0190, 0223, 0225, 0244,
0252, 0374, 0376, 0383, 0390, 0575,
.....0584
Huanyu.....0401
Hypson.....0064, 0309
ICE.....0244, 0398
ICeS.....0245
ITC.....0579
ITS.....0398
ITT....0584, 0374, 0388, 0378, 0190,
.....0034, 0405, 0571, 0575
Imperial....0101, 0103, 0111, 0274,
.....0397, 0445, 0579
Indesit.....0264
Indiana.....0064
Ingelen.....0584, 0190
Inno Hit.....0099, 0543
Interbuy.....0095
Interfunk ...0064, 0388, 0584, 0539,
.....0190, 0274, 0528
Intervision ..0064, 0129, 0244, 0404
Isukai.....0245
JVC0063, 0080, 0121, 0217, 0398,
.....0633, 0680
Kaisui0036, 0244, 0245, 0309
Kapsch.....0584, 0190, 0233
Karcher.....0637
Kathrein.....0583
Kendo.....0064, 0262, 0389
Kennedy.....0579
Kneissel.....0286, 0462
Korpel.....0064
Korting.....0114, 0315
Koyoda.....0036
Leyco0064, 0099, 0321
Liesenk & Tter.....0064
Lloytron.....0059
Loewe0539, 0114, 0102, 0316
Luma0233, 0390, 0332
Luxor0264, 0388, 0390, 0384,
.....0221, 0376, 0383, 0405
M Electronic.....0036, 0064, 0131,
0132, 0136, 0190, 0244, 0314, 0373,
.....0401, 0507
MTC0376, 0539
Magnadyne.0114, 0129, 0274, 0374,
.....0543, 0571
Magnafon ...0129, 0543, 0103, 0240,
.....0341

Manesth.....0244, 0262, 0347
Marantz0064, 0583
Marelli.....0114
Mark.....0064
Matsui0036, 0038, 0062, 0063,
0064, 0099, 0204, 0235, 0244, 0262,
0299, 0321, 0381, 0390, 0398, 0470,
.....0514, 0543, 0571
McMichael.....0070
Mediator.....0039, 0064
Memorex.....0036
Memphis.....0364
Metz ..0114, 0240, 0266, 0302, 0394
Minerva.....0097, 0264, 0514, 0581
Minoka0396, 0439
Mitsubishi..0063, 0114, 0135, 0264,
.....0381, 0539
Mivar0317, 0318, 0319, 0543
Motion.....0103
Multitech ..0036, 0103, 0129, 0390
Myryad0583
NEC0197
NEI0064, 0364, 0458
National0264
Neckermann0064, 0114, 0218,
.....0240, 0376, 0390, 0581, 0583
Nesco0206
Nicam.....0571
Nikkai.....0059, 0062, 0064, 0099,
.....0245, 0364
Nobliko.....0103, 0129
Nogamatic0528
Nokia0388, 0500, 0507, 0575,
.....0633, 0658
Nordmende.....0136, 0223, 0225,
.....0240, 0314, 0528
Oceanic0388, 0242, 0374, 0190
Onwa0460
Orion 0064, 0204, 0262, 0321, 0347,
.....0348, 0543, 0571
Osaki .0059, 0099, 0244, 0245, 0439
Oso0245
Osume0059, 0099
Otake0344
Otto Versand0037, 0063, 0064,
0218, 0240, 0244, 0347, 0374, 0376,
.....0539, 0579, 0581, 0583
Palladium...0397, 0390, 0456, 0445
Panama.....0244
Panasonic...0153, 0190, 0240, 0253,
0264, 0367, 0374, 0394, 0584, 0677
Pathe Cinema0240, 0265, 0347,
.....0579
Pathe Marconi.....0223, 0225, 0360
.....0528
Pausa0036
Perdio.....0347
Phase0059
Philco0101, 0103, 0111, 0114,
.....0240, 0274, 0579
Philex.....0378

CODE LIST

Codes**TV****CODE LIST**

Philips	0039, 0064, 0070, 0114, 0350, 0359, 0401, 0581, 0583, 0632, .....0883	Skantic .....0384, 0383
Phoenix	0114	Solavox .....0059, 0190, 0378
Phonola	0039, 0064, 0114	Sonitron .....0235
Pioneer	0136, 0190, 0193, 0314	Sonoko .....0036, 0064
Prandoni Prince	0543	Sonor .....0190, 0235, 0242
Profex	0036, 0103, 0388, 0390	Sontec .....0064
Prolíne	0348	Sony .....0037, 0038, 0063, 0256
Protech	0036, 0064, 0129, 0244, .....0274, 0364, 0445, 0458, 0579	Soundwave .....0064, 0445
Pye	0039	Standard .....0244, 0245, 0036
Quelle	0037, 0038, 0064, 0097, 0101, 0111, 0131, 0227, 0240, 0279, 0322, 0354, 0355, 0388, 0539, 0571, .....0579, 0581	Stern .....0233, 0190, 0286, 0332
Questa	0063	Sunkai .....0321, 0348
R-Line	0064	Susumu .....0245
RBM	0097	Sysline .....0064
RFT	0114, 0455	Tandberg
Radiola	0064, 0350, 0039	0322
Radiomarelli	0114, 0543	Tandy
Rank Arena	0063	0099, 0190, 0244, 0245
Rediffusion	0388, 0378	Tashiko
Revox	0064	0063, 0070, 0244, 0386, .....0390
Rex	0190, 0233, 0286, 0332	Tatung
Roadstar	0036, 0245, 0445	0064, 0099, 0244, 0276, .....0543
SBR	0039, 0064, 0070	Tec
SEG	0063, 0103, 0244, 0579	0579, 0244, 0274
SEI	0037, 0114, 0129, 0204, 0240, .....0321, 0374, 0543, 0571	Technema
Saba	0102, 0114, 0136, 0190, 0223, 0225, 0240, 0314, 0362, 0374, 0528, .....0584	0347
Saccs	0265	Technics
Sagem	0637	0677
Saisho	0036, 0038, 0204, 0262, .....0381, 0458, 0543, 0571	Technol Ace
Salora	0190, 0221, 0376, 0383, .....0386, 0388, 0390, 0575	0206
Sambers	0129, 0103, 0543, 0240	Teleavia
Samsung	0036, 0064, 0244, 0317, .....0397, 0515, 0583, 0614, 0671	0360, 0517, 0528
Sanyo	0038, 0063, 0099, 0131, .....0235, 0240, 0366	Telefunken
Schaub Lorenz	0388, 0374, 0584	0101, 0111, 0128, 0136, 0240, 0279, 0289, 0362, 0498, 0528, .....0593
Schneider	0064, 0245, 0274, 0350, .....0363, 0379, 0398, 0421, 0571	Telemaster
Seleco	0233, 0286, 0190, 0332, .....0389, 0438	0347
Sentra	0062	Teletech
Sharp	0120, 0063	0036
Shorai	0321	Teleton
Siarem	0114, 0543, 0129, 0240, .....0374	0063, 0244, 0376, .....0390
Siemens	0064, 0218, 0227, 0240, .....0354, 0355, 0374, 0581	Tensai
Silver	0063	0245, 0321, 0344, 0347
Singer	0114	Texet
Sinudyne	0571, 0543, 0129, 0037, 0114, 0204, 0240, 0262, 0321, 0374	0245
		Thomson
		0136, 0223, 0225, 0264, 0314, 0360, 0376, 0426, 0517, 0528
		Thorn
		0062, 0064, 0099, 0101, 0111, 0131, 0217, 0388, 0526, 0539, .....0580
		Tomashi
		0309
		Toshiba
		0062, 0063, 0097, 0270, .....0472, 0580
		Towada
		0579
		Triumph
		0204, 0270, 0543
		Uher
		0233, 0347
		Ultra
		0219
		Ultravox
		0129, 0378
		Universum
		0064, 0131, 0132, 0373, .....0397, 0448, 0519, 0579
		Vestel
		0064
		Videosat
		0274
		Videotechnic
		0244
		Vision
		0347
		Voxson
		0114, 0190
		Waltham
		0383, 0244
		Watson
		0347, 0064
		Watt Radio
		0129, 0571, 0579
		Wega
		0114, 0063
		White Westinghouse
		0064, 0347
		Yoko
		0064, 0244, 0458
		Zanussi
		0332, 0233, 0390

Codes

SETUP CODES FOR VCR

ASA0108, 0064
 Aiwa0334, 0027, 0375, 0379
 Akai..0068, 0080, 0133, 0308, 0312,
 0342
 Akiba0099
 Alba..0047, 0305, 0379, 0099, 0236,
 0320, 0322, 0342, 0360, 0361
 Ambassador0047
 Amstrad0027, 0352, 0359, 0305
 Anitech.....0099
 Asuka0064
 Baird.....0131, 0027, 0068, 0134
 Basic Line0305, 0047, 0099
 Blaupunkt ..0030, 0033, 0061, 0181,
 0189, 0222, 0253, 0254, 0430
 Blue Sky0305
 Brandt0214, 0347, 0348
 Brandt Electronic0068
 Bush .0099, 0360, 0361, 0379, 0236,
 0305, 0320
 CGE0027
 Catron0047
 Cimline.....0099
 Clatronic.....0047
 Combitech0379
 Condor.....0047
 Crown0047, 0099, 0305
 Cyrus.....0108
 Daewoo.....0305, 0047
 Dansai0099
 De Graaf0069, 0193
 Decca.....0027, 0108
 Denon.....0069
 Dual0068
 Dumont.....0108, 0027, 0131, 0132
 ESC0267, 0305
 Elbe0065
 Elcotech.....0099
 Ferguson0068, 0134, 0347, 0348,
 0520
 Fidelity.....0027
 Finlandia0108, 0131
 Finlux 0069, 0108, 0027, 0131, 0132
 Firstline....0099, 0064, 0070, 0072,
 0236
 Fisher0073, 0074, 0081, 0131
 Frontech0047
 Funai.....0027
 GEC0108
 General.....0047
 GoldHand.....0099
 GoldStar.....0064, 0252
 Goodmans ..0099, 0305, 0027, 0089,
 0047, 0064, 0430
 Graetz0068, 0131, 0267
 Granada.....0073, 0108, 0131, 0312
 Grandin.....0027, 0064, 0099
 Grundig.....0030, 0033, 0034, 0099,
 0108, 0222, 0253, 0320, 0374, 0376,

.....0430
 HCM.....0099, 0320
 Hanseatic.....0064
 Hinari0031, 0099, 0235, 0267,
 0320, 0379
 Hitachi.....0027, 0031, 0068, 0069,
 0132, 0193, 0267, 0312
 Hypson0099
 ITT0068, 0073, 0131, 0133, 0267,
 0411
 ITV0047, 0064, 0305
 Imperial0027
 Ingersol.....0031
 Interfunk.....0108
 JVC0035, 0068, 0094, 0233, 0411
 Kaisui0099
 Kendo0133, 0236
 Kenwood.....0068
 Korpel0099
 Lenco0305
 Leyco.....0099
 Loewe0031, 0033, 0064, 0108,
 0189, 0481, 1189
 Logik0031, 0267
 Luxor0073, 0133, 0070, 0075,
 0089, 0131
 M Electronic0027, 0065
 Manesth.....0072, 0099
 Marantz....0108, 0173, 0033, 0030,
 0089, 0322
 Matsui.....0031, 0063, 0115, 0219,
 0235, 0236, 0322, 0375, 0379
 Memorex0131, 0027, 0064, 0073
 Memphis.....0099
 Metz .0030, 0033, 0064, 0374, 0189,
 0222, 0254, 0374, 0481, 1189
 Minerva0033, 0222
 Mitsubishi.....0070, 0094, 0108
 Multitech0027, 0099
 Murphy0027
 Myryad0108
 NEC0065, 0068, 0094
 Neckermann0108
 Nesco0099
 Nokia.0068, 0073, 0131, 0133, 0267
 Nordmende.0068, 0347, 0348, 0411,
 0521
 Oceanic.....0027, 0068
 Okano0342, 0375
 Orion 0031, 0063, 0115, 0235, 0236,
 0322, 0360, 0361, 0375, 0379
 Osaki0027, 0064, 0099
 Otto Versand0108
 Palladium....0033, 0064, 0068, 0099
 Panasonic..0189, 0253, 0254, 0481,
 1189
 Pathe Cinema0063
 Pathe Marconi0068
 Pentax0069, 0132
 Perdio.....0027
 Philco0065

CODE LIST

Codes

TV

SAT

CODE LIST

Philips	.....0108, 0173, 0430, 0494, .....0411, 0830	Uher.....0267
Phonola	.....0108	Universum ..0027, 0033, 0064, 0108, .....0133, 0222, 0267, 0352
Pioneer	.....0094, 0108	Yamishi.....0099
Portland	.....0047	Yokan.....0099
Profex	.....0349	Yoko.....0267, 0047
Profitronic	.....0267	
Proline	.....0027, 0320	
Pye	.....0108	
Quartz	.....0073	
Quelle	.....0108	
RFT	.....0430	
Radiola	.....0108	
Rex	.....0068, 0411	
Roadstar	....0064, 0099, 0267, 0305	
SBR	.....0108, 0173	
SEG	.....0267, 0349	
SEI	.....0031, 0108	
Saba	.0068, 0233, 0347, 0348, 0411, .....0521	
Saisho	0031, 0063, 0115, 0235, 0236	
Salora	.....0070, 0073, 0133	
Samsung	.....0267, 0459	
Sansui	.....0068, 0094	
Sanyo	.....0073, 0131	
Saville	.....0379	
Schaub Lorenz	....0027, 0068, 0131	
Schneider	.....0108, 0027, 0099	
Seleco	.....0068	
Sentra	.....0047	
Sharp	.....0089, 0075	
Shintom	.....0099, 0131	
Shorai	.....0031	
Siemens	....0030, 0033, 0064, 0081, .....0108, 0131, 0173, 0222	
Silva	.....0064	
Singer	.....0072	
Sinudyne	....0031, 0108	
Solavox	.....0047	
Sonor	.....0073, 0089	
Sontec	.....0064	
Sony	..0038, 0059, 0060, 0061, 1059	
Sunkai	.....0375	
Sunstar	.....0027	
Suntronic	.....0027	
Tashiko	.....0027	
Tatung	.....0108, 0027, 0068	
Tec	.....0047	
Technics	....0189, 0253	
Teleavia	.....0068, 0520	
Telefunken	.0068, 0214, 0347, 0348, .....0411, 0520, 0521	
Tenosal	.....0099	
Tensai	.....0027, 0349	
Thomson	....0068, 0347, 0411, 0520, .....0521	
Thorn	.....0063, 0068, 0131	
Toshiba	....0068, 0070, 0072, 0108, .....0411	
Towada	.....0349	
Triumph	.....0235	

SETUP CODES FOR SATELLITE

ABsat	.....0150, 0859
AST	.....0348, 0378
Akai	.....0542
Alba	...0389, 0448, 0482, 0542, 0640
Aldes	.....0315
Allantide	.....0360
Amstrad	....0107, 0240, 0279, 0365, 0372, 0488, 0528, 0702, 0716, 0874
Ankaro	0315, 0244, 0247, 0396, 0546
Anttron	.....0210, 0448
Arcon	.....0395
Armstrong	.....0270
Asat	.....0400
Astra	....0135, 0400, 0545, 0566
Astro	....0200, 0385, 0528, 0547
AudioTon	.....0391
Avalon	.....0423
Axis	....0393, 0396, 0557, 0861
BT	.....0695, 0542, 0737
Barcom	.....0244
Best	.....0396, 0244
Blaupunkt	.....0200
Boca	.....0270, 0540, 0856
Brain Wave	.....0359
British Sky Broadcasting	.....0874
Bush	.....0094
CNT	.....0547
Cambridge	.....0542
Canal Digital	.....0880
Canal Satellite	.....0880
Canal+	.....0880
Channel Master	.....0389
CityCom	....0142, 0421, 0845
Commlink	.....0315
Connexions	.....0423, 0485
Conrad	.....0142, 0634
Contec	.....0393
Crown	.....0270
Cyrus	.....0227
DDC	.....0389
DNT	.....0423, 0227, 0485
Daewoo	.....0400
Diskxpress	.....0244
Distratel	.....0111, 0912
EIF	.....0444

Codes

Echostar.....0194, 0423, 0740, 0880,
.....0898
Elta0391
Emanon0448
Eurodec0551
Eurostar.....1052, 1053
Eutra0825
FTE0358, 0438, 0890
Ferguson0363, 0210, 0094, 0641
Fidelity0279, 0702
Finlux0135, 0424, 0441, 0482
Fracarro0898
Freecom0362, 0448, 0761
Fuba .0199, 0244, 0396, 0423, 0441,
.....0444, 0448
G-Sat0210
Galaxis0310, 0315, 0391, 0393,
0683, 0840, 0860, 0861, 0890, 1138
Galaxisat0348
Gardiner0845
Gold Box0880
GoldStar0362
Gooding0598
Grandin0872
Grundig0166, 0167, 0200, 0355,
.....0598, 0777, 0832, 0874
Hartung und Helling0360
Hinari0210
Hirschmann 0200, 0314, 0360, 0423,
0424, 0522, 0528, 0529, 0600, 0825,
.....0909
Hitachi0482
Houston0695
Humax0890, 1075
Huth .0247, 0270, 0315, 0373, 0391,
.....0616, 0821
ITT0135, 0199
Ikusi Allsat0395
InVideo0898
Intervision0619
JOK0737
JSR0391
JVC0542, 0598
Johansson0359
Kathrein0119, 0150, 0227, 0358,
0385, 0421, 0469, 0507, 0531, 0649,
..... 0685, 1084, 1085
KeyWest0821
Kosmos0358, 0362
Kreiselmeyer0200
Kyostar0448
La Sat0540, 0547, 0634
Lemon0147
Lenco0362, 0400, 0438, 0448
Lennox0619
Lupus0396
Luxor0135, 0199, 0600
Macab0551, 0878, 0908
Manhattan ..0482, 0547, 0619, 1110
Marantz0227

Maspro0119, 0777, 0522, 0355,
.....0363
Matsui0598
MediaSat0880
Mediamarkt0270
Memphis0393
Metronic0111
Micro Technology0360, 0566
Micronik1030
Minerva0598
Morgan's ..0159, 0270, 0540, 0710,
.....0856, 1130
Multichoice0669, 0906
Multistar0358
Muratto0362
Myryad0227
Navex0359
Neuhaus0247, 0528
Neusat0719, 0861
Next Wave0759
Nikko0740
Nokia0135, 0199, 0355, 0424,
0482, 0600, 0778, 0848, 0900, 1050
Nordmende0641, 0389
Orbitech0528
Ondigital0160, 0161, 0268
PTT Telecom0240
Pace ..0094, 0210, 0266, 0268, 0355,
0363, 0482, 0524, 0747, 0818, 0822,
.....0874, 0914
Palladium0598
Palsat0528
Panasat0642, 0906
Panasonic0874
Panda0482
Patriot0542
Philips0126, 0160, 0161, 0227,
0319, 0355, 0482, 0598, 0694, 0737,
.....0777, 0832, 0880, 0925, 1145
Phoenix0393
Phonetrend0315, 0619, 0815
Pioneer0880
Polytron0421
Promax0482
Prosat0315
Pyxis0858
Quadral0389, 0546, 0655
RFT0568, 0227, 0247, 0315
Radiola0227
Radix0423, 0909
SAT0348, 0378, 0488
SEG0396, 0448, 0545, 0566, 0769
SKY0883
SM Electronic0740
Saba .0363, 0547, 0717, 0737, 0761,
.....0912
Sabre0482
Sagem0847
Sakura0393
Salora0135, 0199
Samsung0314

CODE LIST

Codes

SAT

SAT

CODE LIST

SatPartner ..0359, 0362, 0448, 0529,
.....0547, 0719, 0761
Satcom.....0240, 0373, 0632
Satec0355, 0210
Satmaster0373
Satstation1110
Schneider.....0832
Schwaiger.....0210, 0421, 0531
Seemann.....0423, 0557
Siemens.....0200, 0710
Skymaster ..0315, 0546, 0632, 0655,
.....0740, 0907
Sony0731, 0874
Strong.....0152, 0899, 0906, 1132
STVI0444
Sunstar0821, 0540
TPS.....0847
Tantec.....0363, 0482
TechniSat ...0289, 0485, 0528, 0568
Techniland0373
Teco0400
Telefunken0448
Teleka0270, 0640, 0825
Telesat.....0632
Thomson0482, 0880, 1073
Thorens0613
Tonna0373, 0695
Toshiba.....0164
Triad0348, 0360, 0362, 0378
Triasat0528, 0441
Twinner0163
Uniden.....0221, 0819, 0858
Unisat0393
Unitor.....0244, 0359
Universum.....0200, 0598
VTech.....0378, 0717
Vector.....0360, 0545
Ventana0227
Vortec.....0448
Wevasat0360
Winersat.....0359
Wisi..0200, 0348, 0378, 0399, 0423,
.....0482, 0665, 0717
XSat0150, 0916
Xcom Multimedia.....0916
Zehnder0141, 0348, 0358, 0547,
.....0579, 0845
Zenith0883
Zwergnase.....0821

SETUP CODES FOR CABLE

Birgmingham Cable Communications0303
British Telecom0030, 0132
Cabletime0298
Decsat0450
Filmnet0470
France Telecom0478
HyperVision0646
Jerrold0303, 0030
MNet0470
Nokia0708
PVP Stereo Visual Matrix0030
Philips.....0646
Sagem0844
Scientific Atlanta0035, 0304
Tele+10470
United Cable0030
Westminster.....0132

SETUP CODES FOR DIGITAL VIDEO DISC

Akai0638
Denon0517
JVC.....0585, 0650
Kenwood0517, 0561
Onkyo0639
Oritron0678
Panasonic0517
Philips.....0566
Pioneer.....0552, 0598
Samsung0600
Sony0560
Technics.....0517
Thomson0578
Toshiba.....0530
Yamaha.....0572
Yamakawa0692

Note your Codes**TV**

Equipment _____

Brand _____

Model number _____

Number of original remote _____

Code _____

VCR

Equipment _____

Brand _____

Model number _____

Number of original remote _____

Code _____

SAT

Equipment _____

Brand _____

Model number _____

Number of original remote _____

Code _____

DVD

Equipment _____

Brand _____

Model number _____

Number of original remote _____

Code _____

Helpline

Österreich	01 546575609
België/Belgique	02 7172458
Danmark	35258758
Finland	09 22948258
France	03 87 17 00 87
Deutschland	0211 65791158
Ελληνική	00800 3122 1219
Ireland	01 6011158
Italia	02 48271158
Nederland	053 4849106
Norge	22 70 82 58
Portugal	0800 831 351
España	91 7456228
Sverige	08 7505196
Suisse/die Schweiz	01 2120045
United Kingdom	0207 7440344

Guarantee certificate	Garantieschein Certificado de garantía	Certificado de garantia
Certificat de garantie	Certificato di garanzia	Garantibevis
Garantiebewijs		Takuutodistus
Záruční list	Karta	Εγγύηση
	gwarancyjna	Гарантия

1

year	warranty	anno	garanzia
année	garantie	ano	garantia
jaar	garantie	år	garanti
Jahr	Garantie	vuosi	takuu
año	garantía	χρόνος	εγγύηση
rok	gwarancyjna	год	Гарантия

Type: _____

Serial nr.: _____

Date of purchase - Date d'achat - Koopdatum - Kaufdatum - Fecha de compra - Data di acquisto - Data da compra - Inköpsdat - Køpedatum - Kjøpedato - Ostopäivä - Ημερομηνία αγοράς - Datum nákupu - Data zakupu - Дата приобретения

_____ 20 _____

Dealer's name, address and signature

Nom, adresse et signature du revendeur

Naam, adres en handtekening v.d. verkoper

Name, Anschrift und Unterschrift des Händlers

Nombre, dirección y firma del distribuidor

Nome, indirizzo e firma del fornitore

Nome, endereço e assinatura da loja

Återförsäljarens namn, adress och namnteckning

Forhandlerens navn, adresse og underskrift

Myyjän nimi, osoite ja allekirjoitus

Jméno prodejce, adresa a podpis

Nazwa, adres punktu sprzedawy i podpis sprzedawcy

Jméno prodejce, adresa a podpis

Ονοματεπώνυμο, διεύθυνση και υπογραφή του εμπ. προμηθευτή



PHILIPS